DERYA

DERYA MAX USER MANUAL

"THANK YOU FOR CHOOSING A DERYA ARMS PRODUCT"
THIS BOOKLET WILL GUIDE YOU THROUGH HANDLING YOUR SHOTGUN SAFELY

PLEASE NOTE: CHANGES MAY BE MADE WITHOUT NOTICE

Your shotgun features an innovative and unique design. With regular care and cleaning, your shotgun will serve you for a life time. The shotgun was manufactured by DERYA ARMS from high quality raw materials and with high-tech CNC machines in our factory.

Please read and understand all the directions and instructions in this Manual to guarantee the best performance and a safe shooting experience. Maintain your shotgun properly in accordance with these instructions so it will remain safe, and performs properly.

Always remember that you are using a shotgun; always follow all safety rules and be aware that it is your responsibility to share your knowledge, and educate others in the safe use of this shotgun.

Before firing, learn the parts of your shotgun and understand how it operates. Please read this manual carefully and enjoy your shotgun safely.

MAINTENANCE INSTRUCTIONS:

1) NEVER MAKE CHANGES OR ALTERATIONS TO YOUR SHOTGUN

This shotgun was built to a proven and tested design, and manufactured with care. It must NEVER be altered or changed. Changing or altering any part of your shotgun may result in serious injuries to you or others, and is NOT RECOMMENDED by the manufacturer. Any changes made to the shotgun or use of non-factory parts voids the factory warranty.

2) PROPER CARE AND STORAGE

Regular care and cleaning of your shotgun is key to its proper functionality and reliability. ALWAYS make sure that the shotgun is UNLOADED before you leave the range and check it again before you start the cleaning process.

THE RESPONSIBILITIES OF THE USER

The laws of your country give you the right to possess a hunting shotgun. Appreciate and enjoy your rights with care. Be aware that, as an owner of a shotgun, you are responsible for ensuring your own safety and that of your shooting partners, observers, and the environment.

DEPREZERVATION

1. The firearm is coated with oil for depreservation and corrosion protection. Oiling the firearm is a normal procedure and is necessary for proper transport and storage in the warehouse.
2. Before the shotgun's first use, the preservative oil must be removed (de-preservation). Remove all excess oil and grease from the exterior and interior of the shotgun.
3. To remove oil, use a soft lint-free cloth or purpose-made cleaning wipes.
4. Do not use aggressive chemicals to remove oil, as they may damage coatings or cause oxidation of the shotgun's surfaces.
5. Moving parts of the bolt carrier, the bolt carrier rails, and the inside of the bolt should retain the minimum practicable film of oil.
6. All oil must be completely removed from the shotgun's gas system. The presence of oil in the gas system can increase carbon fouling on surfaces and make cleaning and operation more difficult.
7. First and foremost, remove oil from the choke-to-barrel threads.
8. Ensure that, before the shotgun is put into service, all oil is removed from the muzzle brake-to-barrel threads.
9. Warning! Remove oil from all threaded connections. If oil is not removed, vibration during firing may cause screws to work loose and back out gradually. This can result in shotgun malfunction or create hazardous consequences. Treat the de-preservation procedure with care.

AMMUNITION SELECTION

- To avoid injury to yourself or damage to the firearm, use ammunition that complies with the requirements of this manual.
- Use only shotshells of the correct gauge.
- Do not use ammunition with an expired shelf life.
- Do not use overpressure or high-performance loads (e.g., +P or magnum loads not specified for this firearm).
- Do not use cartridges with metal (non-specified) hulls/cases.
- Do not use incendiary or pyrotechnic ammunition.
- Check that the case walls are sufficiently rigid and resilient. Verify the quality of the case head. Ensure the primer does not protrude beyond the base of the case. If a cartridge does not meet quality parameters, do not use it for firing.
- The use of damaged cartridges is prohibited. Before loading, make sure the case geometry will not prevent proper chambering. Cartridges must not have bulges, delamination, cracks, dents, or other deformations.
- Do not use cartridges showing signs of corrosion.
- Use cartridges with reliable primers. Hard, defective, or poor-quality primers can cause failures to fire or ignition delays.
- You bear full responsibility for consequences resulting from the use of ammunition that does not conform to the requirements of this manual.

DISCLAIMER

This shotgun is sold with the understanding that the buyer will obey all applicable domestic laws, therefore Derya Arms is not responsible for death or injuries caused by incorrect or irresponsible use.

DERYA ARMS DOES NOT ACCEPT ANY RESPONSIBILITIES FOR DAMAGE DUE TO THE FOLLOWING CAUSES

1) INCORRECT OR IRRESPONSIBLE USE OF THE SHOTGUN
2) USE OF INCORRECT GAUGE AMMUNITION OR RELOADED, DAMAGED OR INPROPER CARTRIDGES
3) INSUFFICIENT AND/OR INCORRECT MAINTENANCE OR CLEANING WHICH CAUSES TO DAMAGE OR WEAR
4) SALE CONTRARY TO APPLICABLE LAWS AND REGULATIONS
5) CHANGING OR CONVERSION OF THE SHOTGUN'S ORIGINAL DESIGN, OPERATING MECHANISM, ACCESSORIES, MAGAZINES OR MECHANICALS
6) CARELESS, DANGEROUS OR CRIMINAL USE
7) USING THE SHOTGUN WITHOUT FIRST READING, UNDERSTANDING AND FOLLOWING ALL SAFETY RULES
8) ANY OTHER USE OR ACTION THAT IS BEYOND THE DIRECT CONTROL OF THE MANUFACTURER

IMPORTANT WARNING

1) Read the instructions booklet completely before using your shotgun.
2) Always be aware of the handling and functional characteristics of your shotguns.
3) Always unload your shotgun when not in use (remove all cartridges).

When stored or not in use, shotguns should always be unloaded and move the safety lever to the SAFE position to block the trigger of your shotgun.

Always remove all cartridges and inspect the chamber to ensure your shotgun is unloaded.
1) After shooting.
2) Before racking or after picking up the shotgun.
3) Before putting the gun into its case.
4) Any time you are not using your shotgun.
5) Before handing your gun to anyone else.
4) ALWAYS KEEP YOUR SHOTGUN POINTED IN A SAFE DIRECTION. This ensures you do not injure yourself or anyone else.
5) ALWAYS STORE YOUR SHOTGUN OUT OF REACH OF CHILDREN OR OTHER UNAUTHORIZED PEOPLE. There are many ways of keeping your shotguns locked and stored safely and securely. Always secure your shotgun in accordance with applicable laws in your area and always unload and then lock the shotgun when not in use or whenever it will be unattended.

6) ALWAYS OBEY ALL LAWS REGARDING OWNERSHIP, TRANSPORT, AND SHOOTING YOUR SHOTGUN. Never point your shotgun at a person. Do not harm any person or damage any public property.

7) IF YOUR SHOTGUN DOES NOT FIRE AFTER PULLING THE TRIGGER: STOP, WAIT A MINUTE, AND USE EXTRA CAUTION WHEN OPENING THE BOLT. If your shotgun did not fire after pulling the trigger STOP! Keep the shotgun pointed in a safe direction, apply the safety by moving the safety lever to the safe position. Wait 60 seconds. Carefully open the bolt by pulling the cocking handle and eject the shell in a safe direction. Always remember when you experience a misfire, your shotgun is still loaded and could fire at any time (a "hang fire").

8) ALWAYS TREAT YOUR SHOTGUN AS IF IT IS LOADED, EVEN WHEN THE SAFETY IS ON. Always keep your finger away from the trigger unless you are on target and prepared to shoot. Never forget that even with safety ON, you are responsible for the direction your shotgun is pointing. Do not count on a mechanical device.

9) This shotgun was produced under the control and supervision of Derya Arms. The shotgun must never be altered. Derya does not recommended the use of any spare parts or accessories and magazines other than those included in the original box or received from Derya. If you need magazines, spare parts or repair, contact our authorized distributor in your country or Derya Arms ONLY.

10) ENSURE THE BARREL IS NOT PLUGGED OR OBSTRUCTED BEFORE YOU LOAD YOUR GUN. The barrel should not have any residue from bore cleaning solvent or oil, or any other foreign material inside the bore, chamber or choke. If the barrel is blocked or otherwise obstructed, even partially, this may cause bulging and/or a breech explosion and/or a split barrel. If you feel a strange recoil or the report sounds unusually loud or soft STOP SHOOTING IMMEDIATELY and check the barrel for obstructions and bulges.

NEVER try to clear an obstruction in your barrel by firing another shell!

ANY PARTIAL OR COMPLETE BORE OBSTRUCTION can cause serious injury or death to the shooter or bystanders.

SERIAL NUMBER

The serial number is engraved on the shotgun on several places. Every shotgun has a unique number. This number is used for legal and warranty matters. Derya suggests that owners note and store the serial numbers of all of your shotguns in a secure location away from the shotguns.

DISASSEMBLY OF THE SHOTGUN

1) Remove the magazine.

2) Unscrew the barrel shroud by turning in arrow direction.

3) Pull the forend in arrow direction.

4) Push the detaching pin and pull from the other side until it sets.

5) Push the other detaching pin and pull from the other side until it sets.

6) Detach upper from lower.

7) To easily clean the bolt, remove it in the direction of the arrow.

8) Unscrew the gas system retaining nut by turning in arrow direction.

9) Remove the split rings. At this stage you can change the pistons.

10) Remove the piston, slide and gas block by pulling in arrow direction.

11) Remove the charging handle by pulling it.





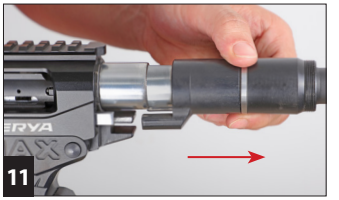


















AMBIDEXTROUS CHARGING HANDLE

1) Pull the charging handle.



2) Insert the charging handle from the other side.



3) Make sure the handle is set.



USAGE OF CHOKE TUBES

Never fire or gun cleaning tools through a barrel that uses choke tubes without having tube installed. The threads of the choke tube and the internal threads of the barrel should be cleaned after each use and before installation of the tube.

To install a tube, insert the tube into the barrel and tighten with your fingers. Once the tube is finger-tightened, tighten with the appropriate choke-tube wrench until the tube is snug. DO NOT over tighten or forcefully tighten with wrench.



CHOKE TUBE	CL	IC	M	IM	F
BBLS	* * * * *	* * * *	* * *	* *	*



DERYA®

DERYA MAX BASIC PARTS

P.NO	PART NAME
1	Lower Receiver
2	Feed Ramp
3	Feed Ramp Screw
4	Buffer Stop Spring
5	Buffer Stop
6	Buffer Stop Bushing
7	Magazine Catch Spring
8	Magazine Release Button
9	Magazine Release Button Screw
10	Magazine Catch
11	Magazine Catch Screw
12	Bolt Catch Block
13	Bolt Catch
14	Bolt Catch Pin
15	Bolt Catch Spring
16	Bolt Catch Screw
17	Front Takedown Pin Spring
18	Front Takedown Pin Retaining Pin
19	Front Takedown Pin
20	Rear Takedown Pin
21	Rear Takedown Pin Retaining Pin
22	Rear Takedown Pin Spring
23	Takedown Pin Screw
24	Trigger
25	Disconnector Spring
26	Disconnector
27	Trigger Spring
28	Trigger Pin
29	Crescent Washer
30	Hammer
31	Hammer Spring
32	Hammer Pin
33	Crescent Washer

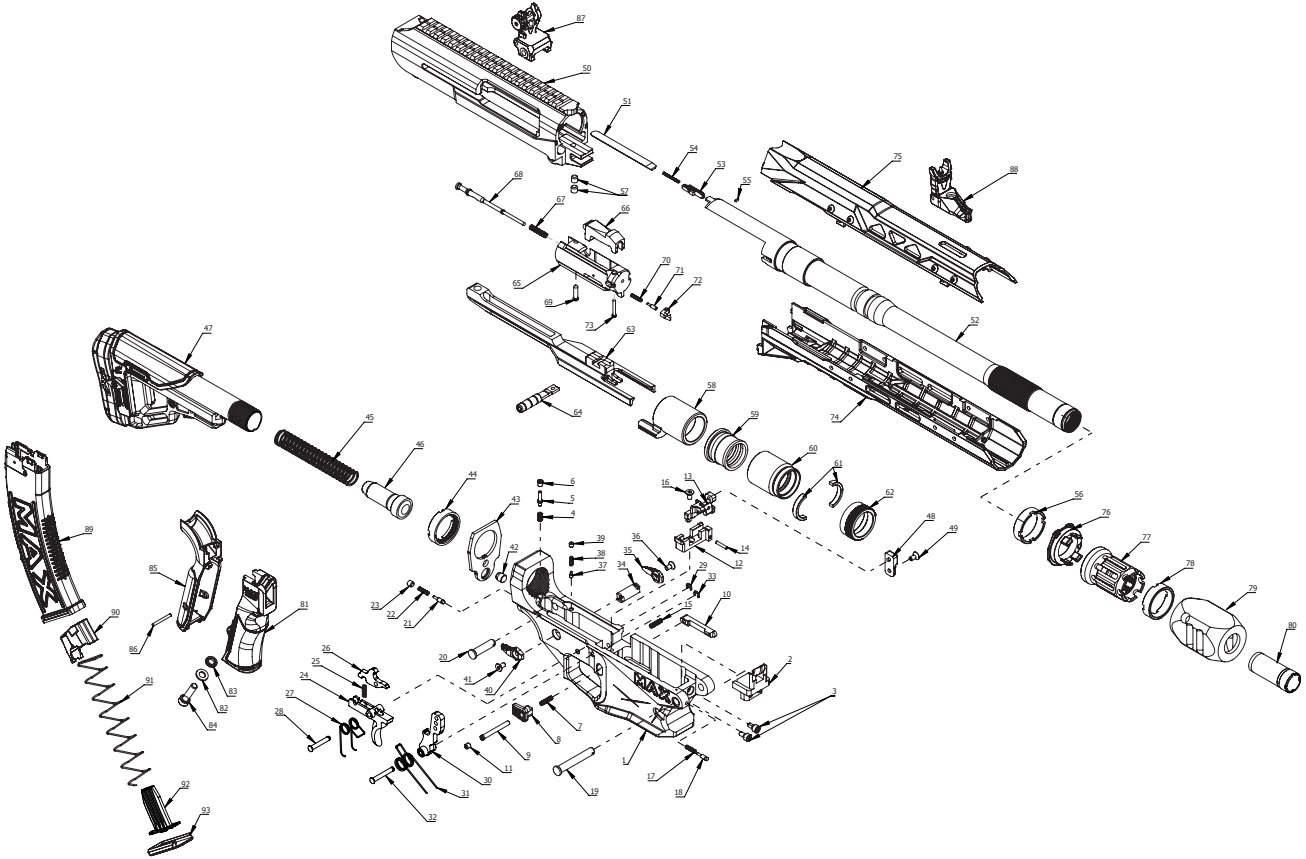
P.NO	PART NAME
34	Safety Pin
35	Safety Lever
36	Safety Lever Screw
37	Safety Positioning Pin
38	Safety Positioning Pin Srping
39	Safety Positioning Pin Screw
40	Safety Lever
41	Safety Lever Screw
42	Detend Ball
43	Sling Plate
44	Pivot Nut
45	Bolt Returning Spring
46	Buffer
47	Max Stock Assembly
48	Bolt Catch Button
49	Bolt Catch Button Screw
50	Upper Receiver
51	Wedge
52	Barrel
53	Ejector
54	Ejector Spring
55	Ejector Pin
56	Barrel Extension Nut
57	Barrel Retaining Screws M6x6
58	Slide
59	Light Piston
60	Gas Block
61	Gas Block Rings
62	Gas Block Retaining Nut
63	Slide Carrier
64	Charging Handle
65	Bolt
66	Lock

P.NO	PART NAME
67	Firing Pin Spring
68	Firing Pin
69	Firing Pin Retaining Pin
70	Extractor Spring
71	Extractor Spring Pin
72	Extractor
73	Extractor Pin
74	Lower Handguard
75	Upper Handguard
76	Handguard Centering Nut
77	Handguard Retaining Nut
78	Compensator Nut
79	Max Brake Compensator
80	Mobil Choke (M)
81	Max Grip
82	Washer
83	Serrated Washer
84	Grip Screw M6x25
85	Grip Cap (M)
86	Grip Cap Pin
87	Rear Sight
88	Front Sight
89	Magazine Body
90	Magazine Follower
91	Magazine Spring (10 rounds)
92	Magazine Lock
93	Magazine Base Plate

Note:
Some models will vary from exploded view.

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DERYA MAX SHOTGUN BASIC MODEL



DERYA MAX FULL PARTS

P.NO	PART NAME
1	Lowe Receiver
2	Feed Ramp
3	Feed Ramp Screw
4	Buffer Stop Spring
5	Buffer Stop
6	Buffer Stop Bushing
7	Magazine Catch
8	Magazine Release Button
9	Magazine Release Button Screw
10	Magazine Catch
11	Magazine Catch Screw
12	Bolt Catch Block
13	Bolt Catch
14	Bolt Catch Pin
15	Bolt Catch Screw
16	Bolt Catch Screw
17	Front Takedown Pin Spring
18	Front Takedown Pin Retaining Pin
19	Front Takedown Pin
20	Rear Takedown Pin
21	Rear Takedown Pin Retaining Pin
22	Rear Takedown Pin Spring
23	Screw M4x4
24	Trigger Assembly
25	Trigger Pin
26	Hammer Pin
27	Crescent Washer
28	Left Safety Lever
29	Safety Pin
30	Safety Spring
31	Safety Retaining Screw
32	Right Safety Lever
33	Right Safety Retaining Screw

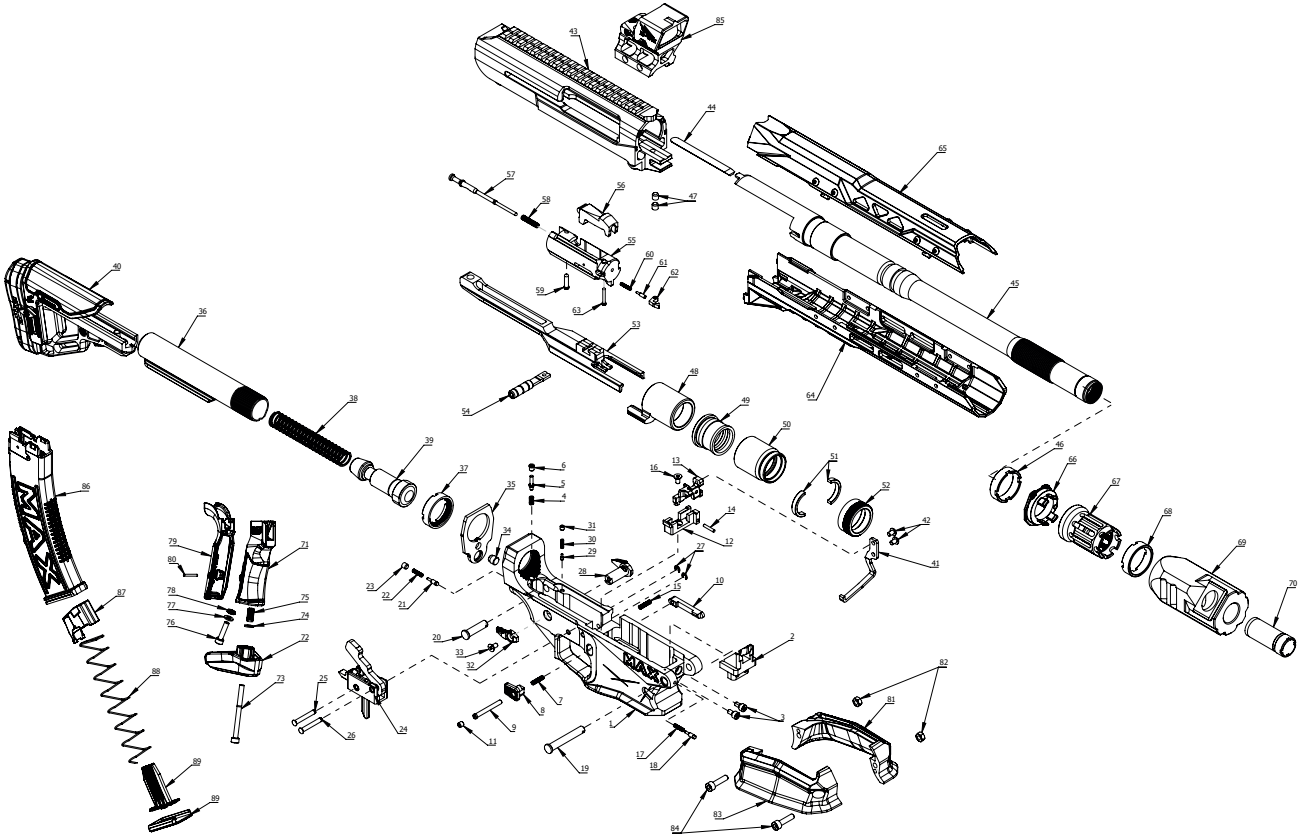
P.NO	PART NAME
34	Sling Plate Pin
35	Sling Plate
36	Buffer Tube
37	Pivot Nut
38	Buffer Spring
39	Buffer
40	MAX Stock Assembly
41	B.A.D. Lever
42	Screw M4x6
43	Upper Receiver
44	Wedge
45	Barrel
46	Barrel Extension Nut
47	Barrel Retaining Screws M6x6
48	Slide
49	Light Piston
50	Gas Block
51	Gas Block Rings
52	Gas Block Retaining Nut
53	Slide Carrier
54	Charging Handle
55	Bolt
56	Lock
57	Firing Pin
58	Firing Pin Spring
59	Firing Pin Retaining Pin
60	Extractor Spring
61	Extractor Spring Pin
62	Extractor
63	Extractor Pin
64	Lower Handguard
65	Upper Handguard
66	Handguard Centering Nut

P.NO	PART NAME
67	Handguard Retaining Nut
68	Compensator Nut
69	Max Break Compensator
70	Mobile Choke
71	Max Grip
72	Grip Support
73	Grip Support Screw M6x70
74	Washer
75	Grip Support Spring
76	Grip Screw M6x25
77	Serrated Washer M6
78	Washer M6
79	Grip Cap (M)
80	Grip Cap Pin
81	Magwell Left
82	Nut M5
83	Magwell Right
84	Connection Screw M5x20
85	D-TAK Reddot (Optional)
86	Magazine Body
87	Magazine Follower
88	Magazine Spring (10 rounds)
89	Magazine Lock
90	Magazine Base Plate

Note:
Some models will vary from exploded view.

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DERYA MAX SHOTGUN FULL MODEL



INSTRUCTIONS FOR REPLACING AND USING THE "HEAVY LOAD" GAS PISTON (ONLY FOR FULL MODEL)

The shotgun is equipped with an additional gas piston designed for high-power cartridges with heavy shot, buckshot, or slug loads. These gas pistons allow you to adjust your shotgun for various ammunition types.

We recommend using this shotgun with 28g or 30g loads. These cartridges provide reliable target engagement while maintaining comfortable recoil. If necessary, you can use cartridges with heavier loads. When using high-pressure ammunition (e.g., shot loads of 36g or more), you may need to install the "heavy load" piston.



Light Loads Piston
2 3/4" Shotshells



Heavy Loads Piston
3" Shotshells (Magnum)

NOTE:

The weight of the shot/buckshot/slug is not the only factor determining the gas pressure level in the barrel. Pressure also depends on the type of powder, obturation, wad weight, crimp type, component quality, and other variables. Therefore, some 34g cartridges may generate higher pressure than certain 36g cartridges. Keep this in mind when choosing between the "heavy load" and "light load" pistons. Test your shotgun's reliability with different ammunition and piston combinations, and use the piston that best matches your specific chosen cartridge.

APPROXIMATE CORRESPONDENCE TABLE FOR SHOT LOAD AND GAS PISTON TYPE

Shot Load (grams)	24g	28g	30g	32g	34g	36g	40g	42g	46g	50g
Light Load Piston	✓	✓	✓	✓	✓	–	–	–	–	–
Heavy Load Piston	–	–	–	–	–	✓	✓	✓	✓	✓

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STOCK ADJUSTMENT (ONLY FOR FULL MODEL)

Before using the stock, ensure all locking levers and the adjustment wheel are securely tightened and that there is no play in any stock components.

Loosen adjustment wheel №1 by rotation and set the buttpad height and cant angle. After completing the adjustment, firmly tighten the wheel.

Press and hold lever №2 and adjust the stock length using forward or rearward movement (Length of Pull adjustment). Once the desired length is reached, release the lever and perform fine adjustment until an audible click confirms the locking pin has engaged the corresponding slot.

Loosen lever №3 by rotation, set the cheek rest to the desired height, and tighten the lever to securely lock the position.







MAX GRIP PISTOL GRIP ADJUSTMENT (ONLY FOR FULL MODEL)



The MAX Grip pistol grip features interchangeable backstraps in sizes "Small", "Medium", and "Large", as well as a Grip Lock support platform.

The Grip Lock platform provides an additional palm support point during weapon manipulation, particularly when operating the firearm one-handed. The platform must firmly contact the lower portion of the palm gripping the handle. No gap should remain between the platform and the palm.

Remove the Grip Lock platform before replacing the backstrap. The backstrap is selected according to shooter preference and secured with a retaining pin. Remove the pin №1, install the selected backstrap, and reinstall the pin ensuring it does not protrude beyond the grip sides.

Grip Lock platform height can be adjusted using adjustment screw №2. Rotating the screw clockwise or counter-clockwise allows the platform height to be set according to the shooter's hand size.





MAGWELL (MAGAZINE WELL EXTENSION - ONLY FOR FULL MODEL)

The magwell is used to center the magazine when attaching it to the shotgun, thereby speeding up and simplifying the loading process. The magwell consists of two symmetrical halves connected by two bolts. Align the two halves so that the protrusions of one part fit into the grooves of the other part.



ATTENTION! Apply moderate force during installation and do not overtighten the bolts in order to avoid damaging the magwell plastic.



DERYA RECOMMENDATION FOR BREAK IN PROCEDURES



- Quality shotshells only
- Expect some malfunctions in first 25-50 rounds
- Minimum of 250 rounds before trying lighter load
- Avoid light recoil or reduced recoil loads
- Due to variation in ammo and shotguns some gun may work with lighter loads and some may not
- Please complete break in period of 100 rounds with recommended loads before sending warranty claim for cycling issues

DERYA MAX

- Minimum 2 ¾″ (70 mm), 3 dram shotshell to be used
- Minimum velocity 1250 fps
- Minimum 1 OZ (28g) of shot

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